

CLAIMS

1. An allergen-reduced royal jelly, where the amount of water-soluble proteins is reduced to less than 50% (w/w) to the amount of total proteins.

2. The allergen-reduced royal jelly of claim 1, where allergens are eliminated without substantially losing the useful pharmacological action of royal jelly.

3. The allergen-reduced royal jelly of claim 1 or 2, where the weight ratio of the total proteins to 10-hydroxy-2-decenoic acid, on a free fatty acid basis, is less than six.

4. A process for producing an allergen-reduced royal jelly comprising the steps of

separating a royal jelly into a precipitate and a supernatant comprising water-soluble proteins by adding water and centrifuging;

collecting low molecular substances by eliminating high molecular substances comprising water-soluble proteins from the resulting supernatant using ultra-filtration or gel filtration chromatography; and

mixing the resulting low molecular substances with the aforesaid precipitate.

5. The allergen-reduced royal jelly of any one of claims 1 to 3, which is obtainable by the process of claim 4.

6. A composition comprising the allergen-reduced royal jelly of any one of claims 1 to 3 or claim 5.

7. A composition produced by incorporating the allergen-reduced royal jelly of any one of claims 1 to 3 or claim 5 into an anhydrous saccharide.

8. The composition of claim 7, wherein said anhydrous saccharide is any one of anhydrous trehalose, anhydrous maltose, and anhydrous cyclic tetrasaccharide.

9. The composition of any one of claims 6 to 8, further
5 comprises saccharide transferred-vitamin C.

10. The composition of any one of claims 6 to 9, further comprises one or more antioxidant substances.

11. The composition of claim 10, wherein said antioxidant substances are flavonoids, polyphenols, vitamin E, and vitamin C.

10 12. The composition of any one of claims 6 to 11, which is in the form of a food, feed, bait, pet food, or cosmetic.